

1 of 17

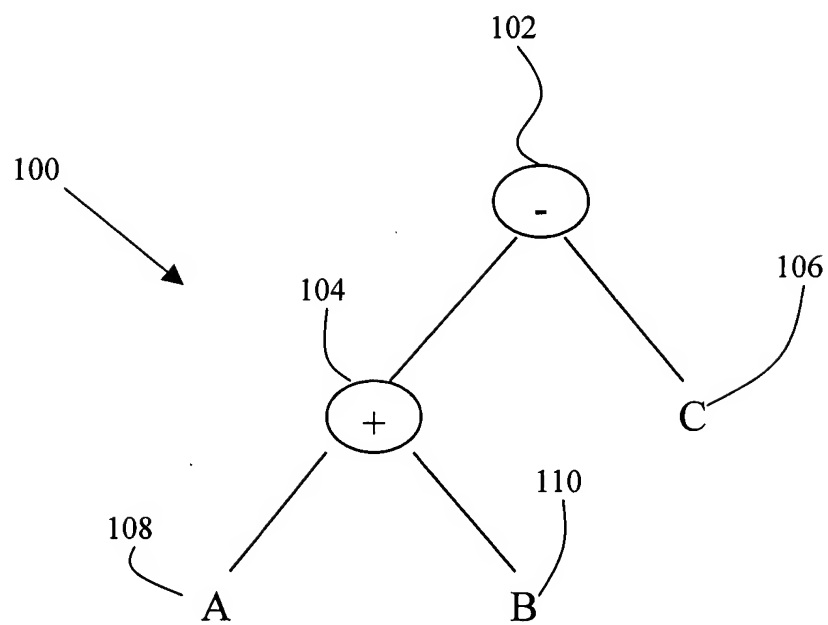


Fig. 1

Fig. 2

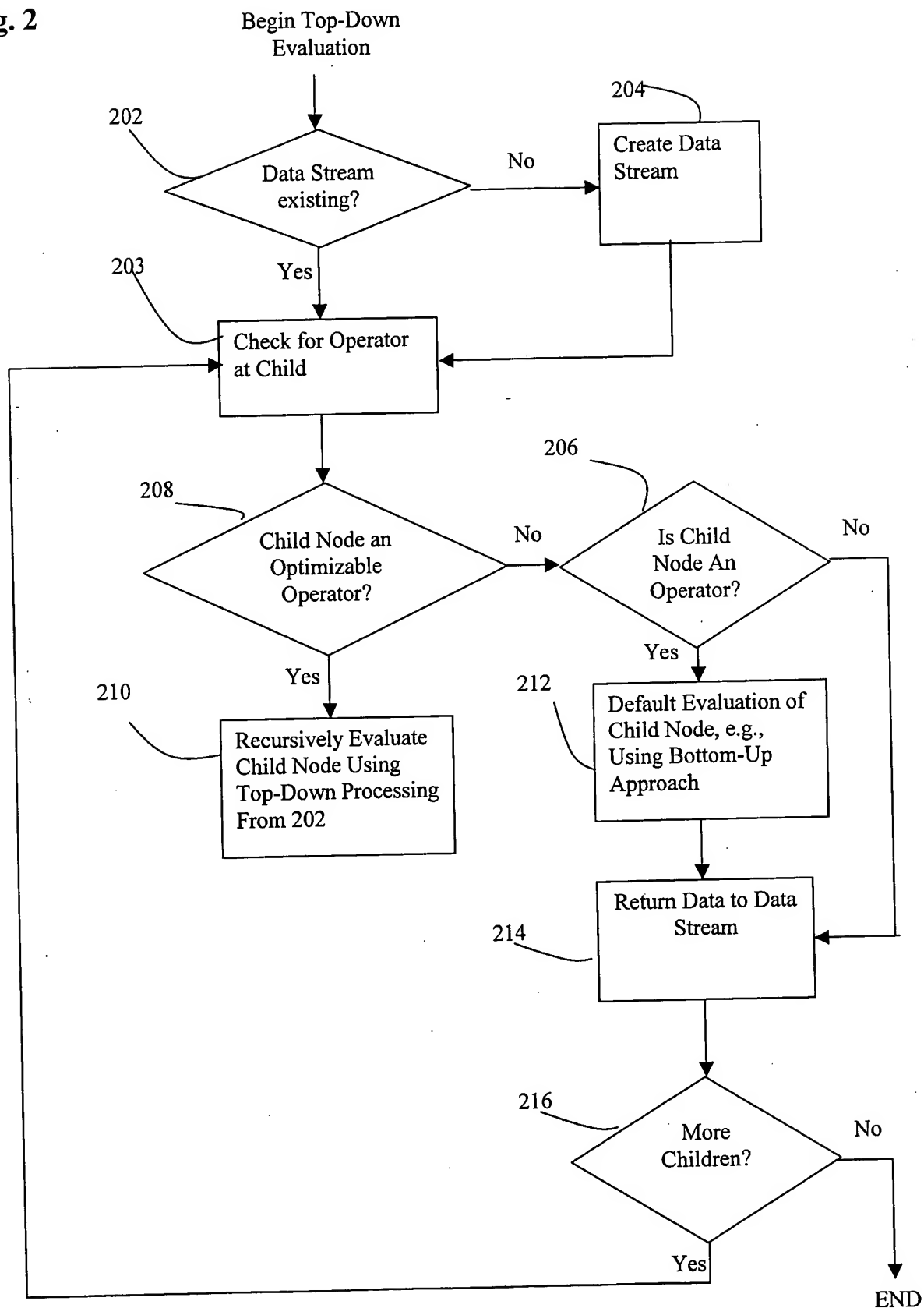
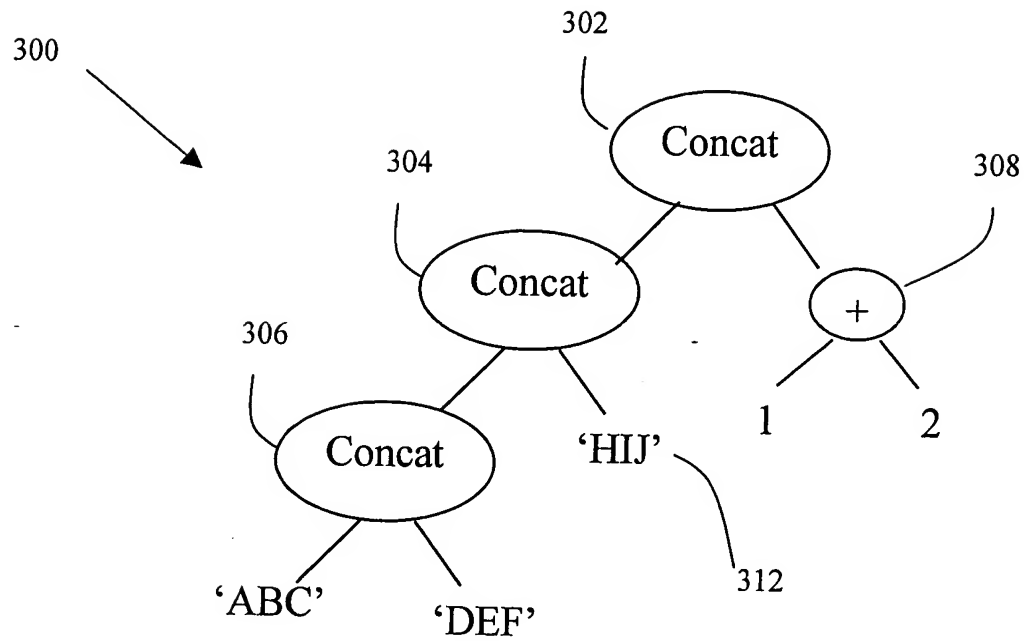


Fig. 3A



4 of 17

Fig. 3B

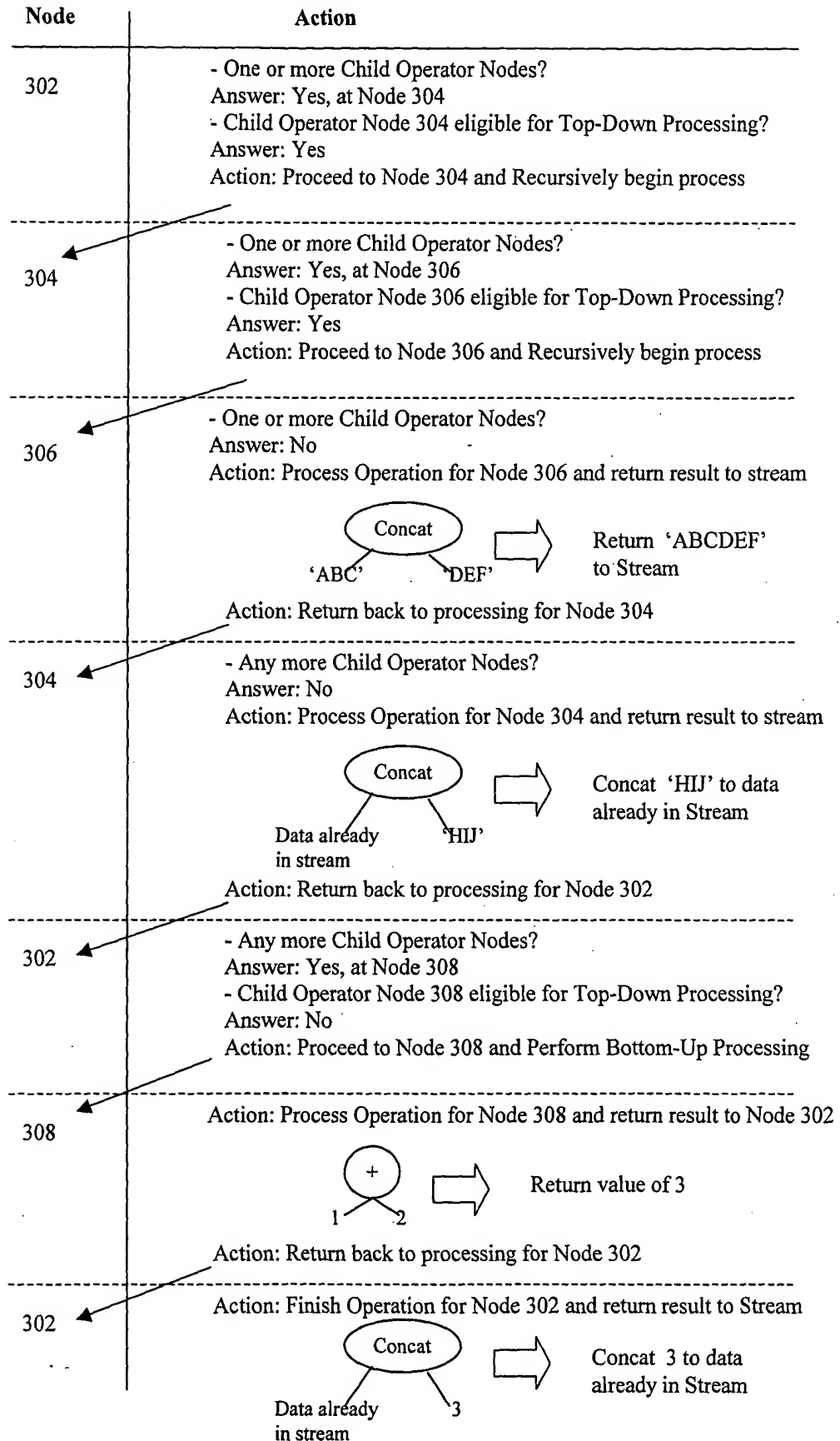
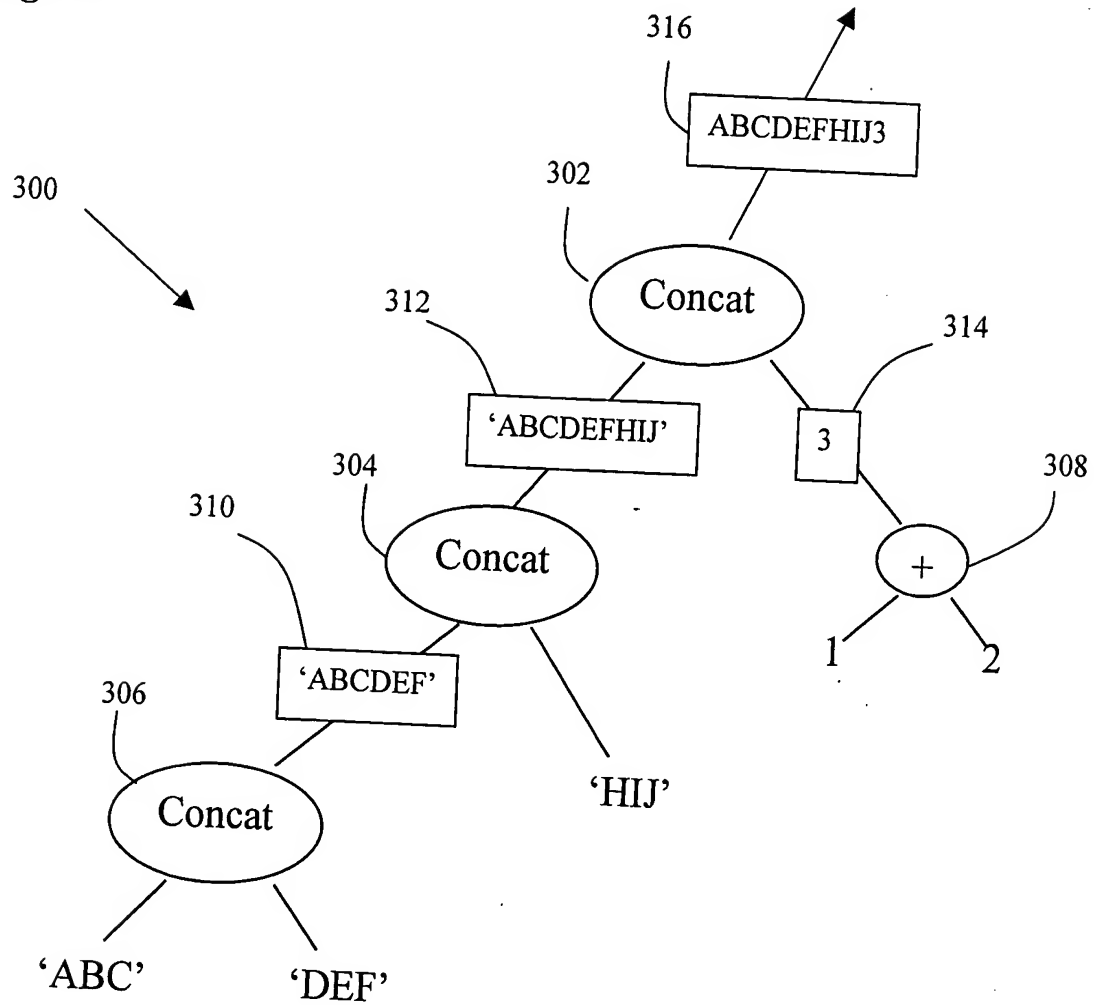


Fig. 3C



6 of 17

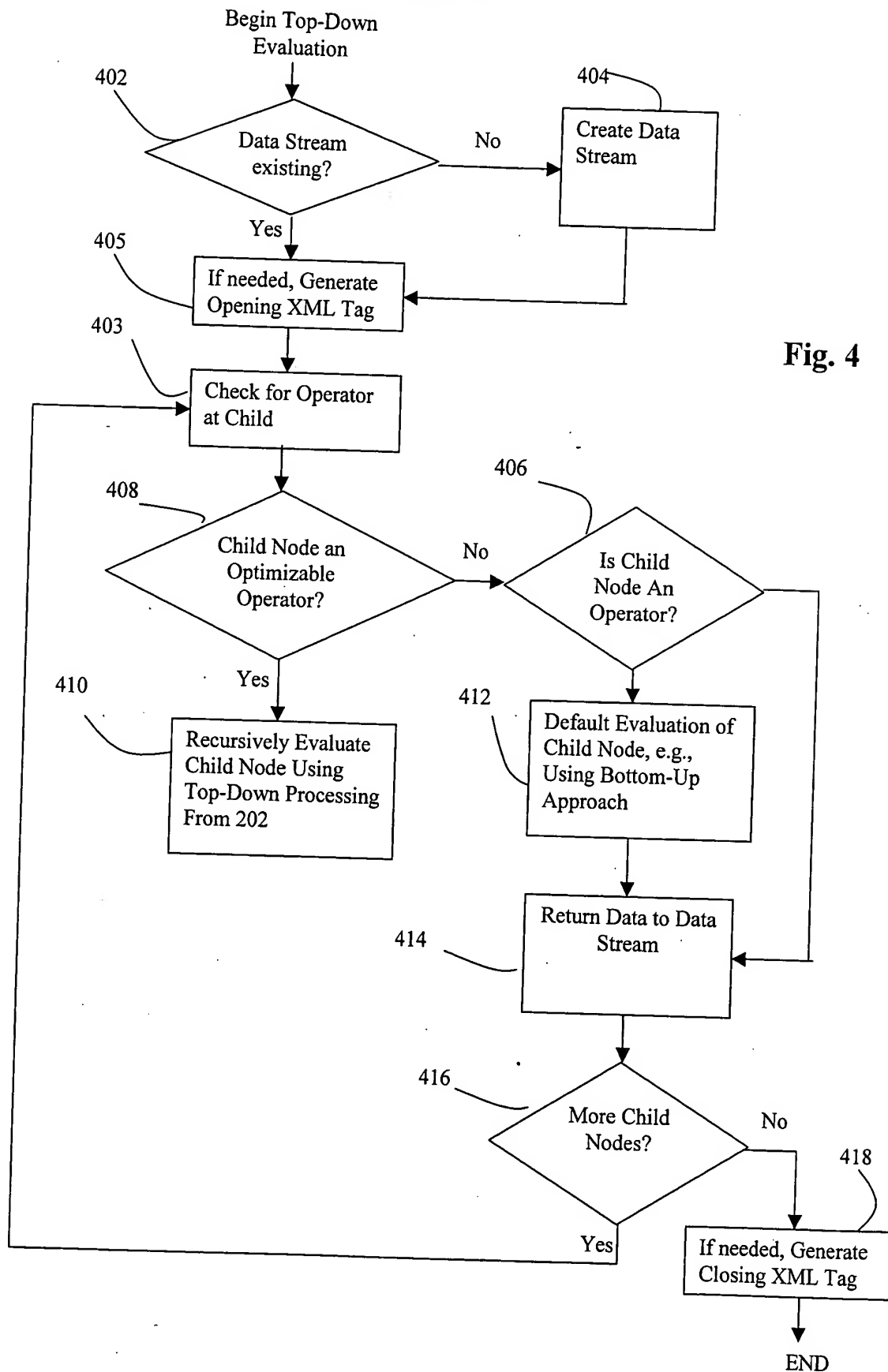


Fig. 5

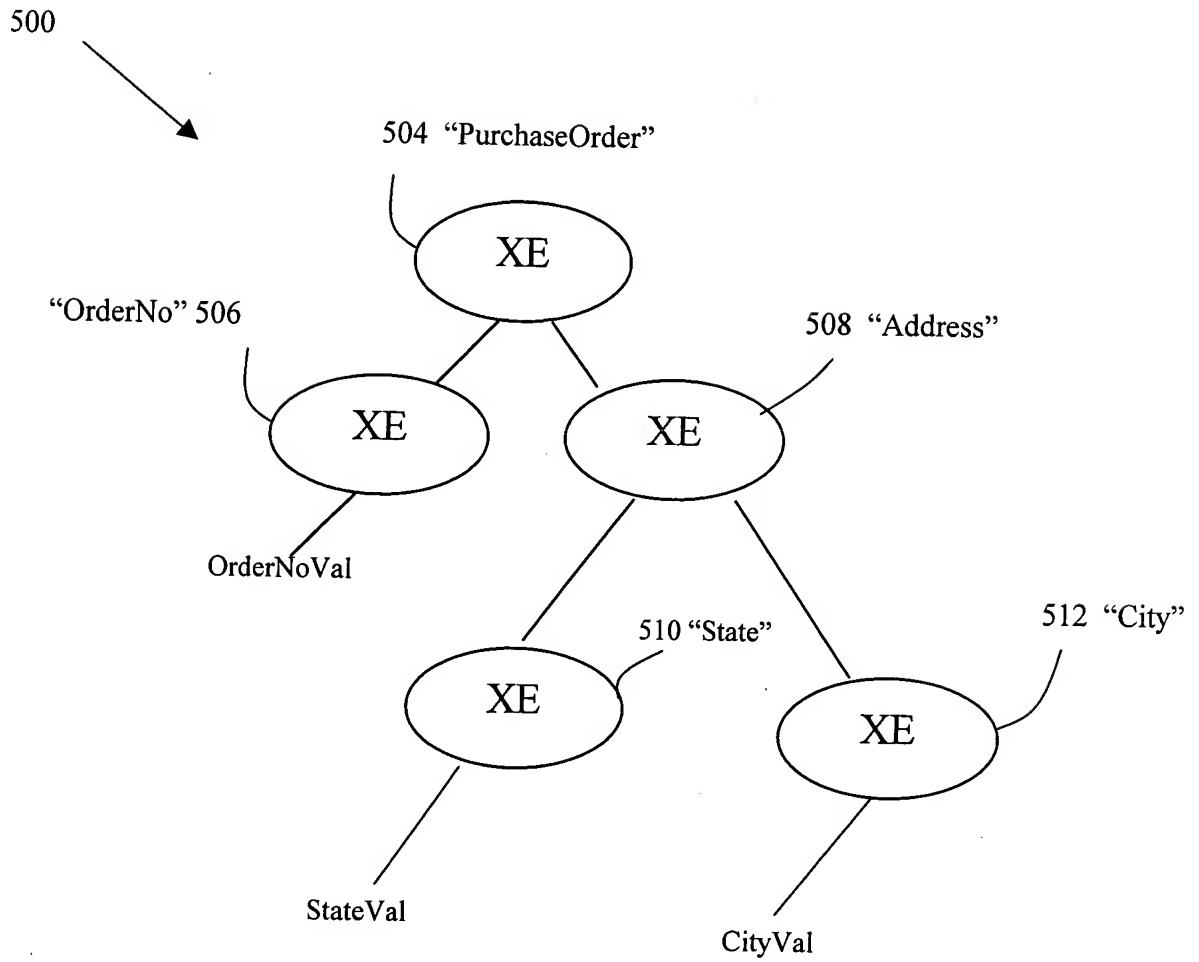


Fig. 6A Begin Top Down Evaluation of Expression Tree 500

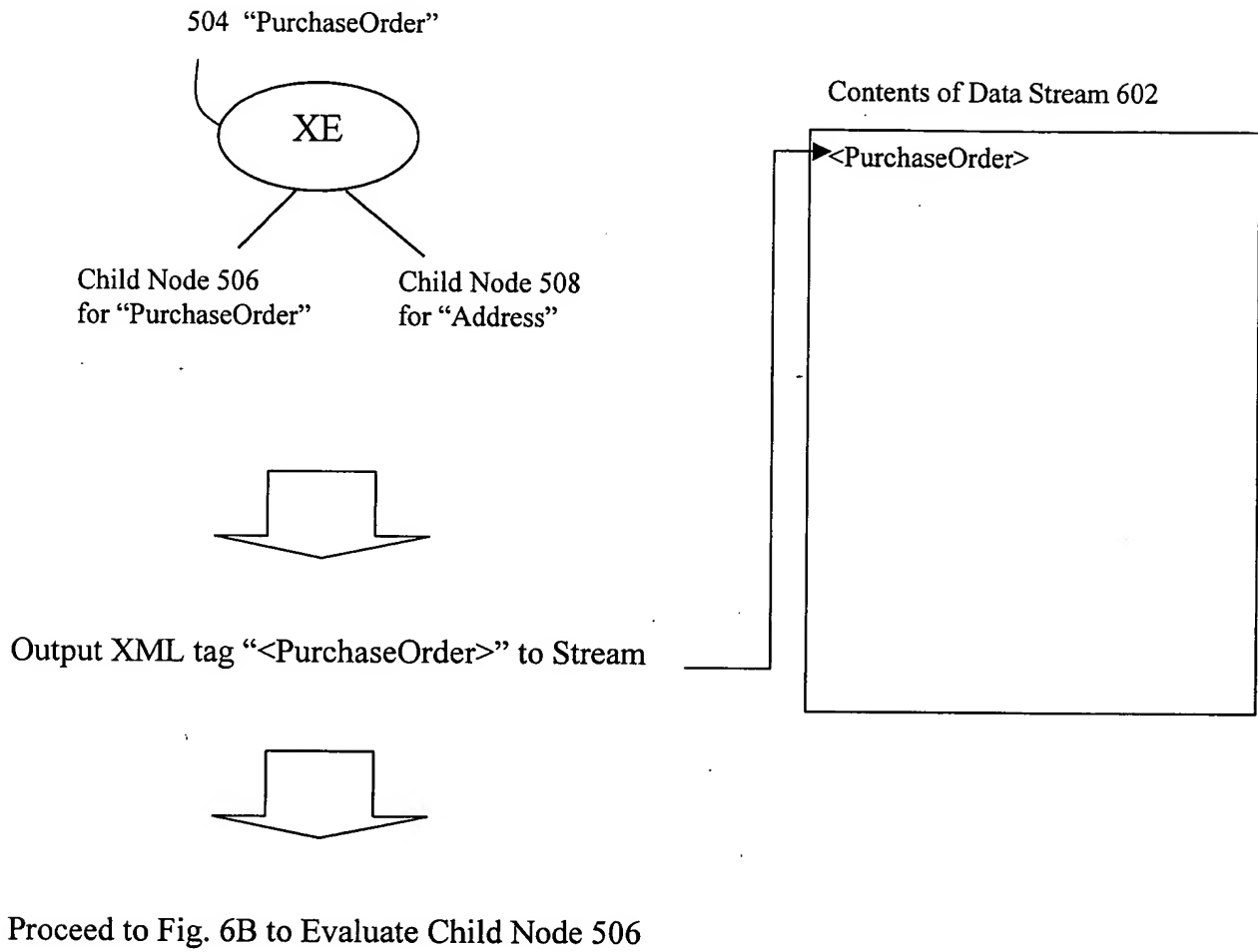


Fig. 6B

Begin Evaluating Node 506 for "OrderNo"

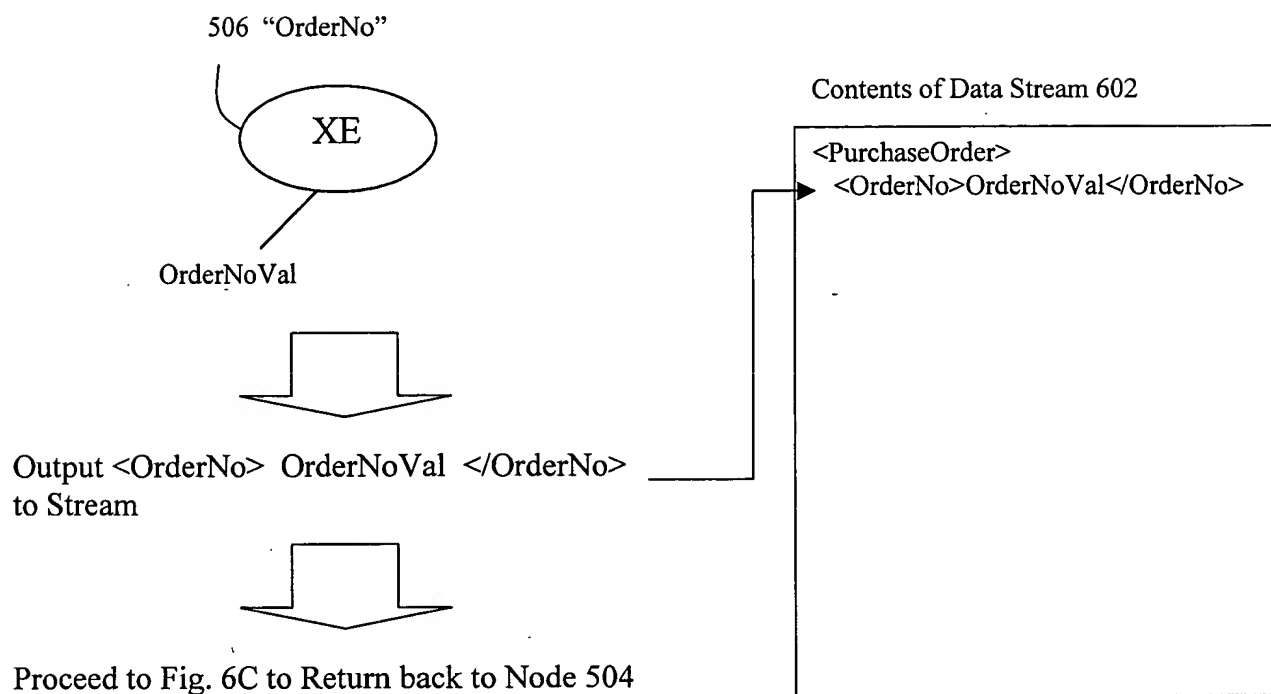


Fig. 6C

Return back to Node 504 to Continue Evaluating "PurchaseOrder"

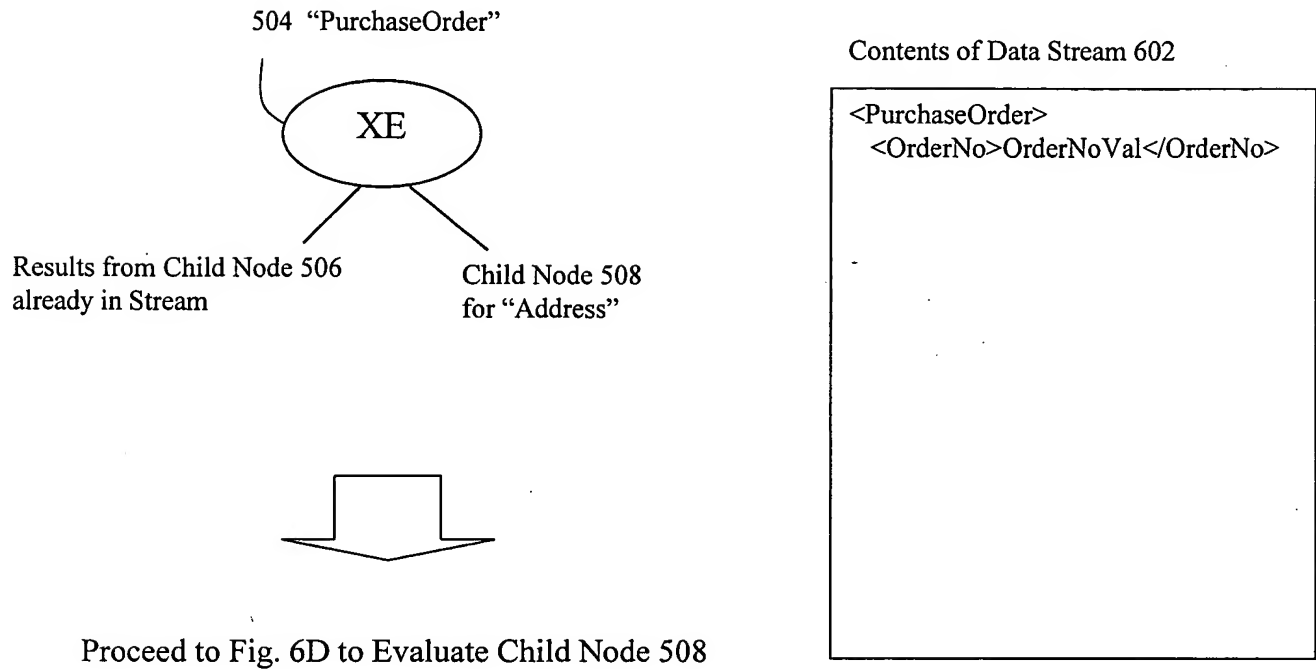
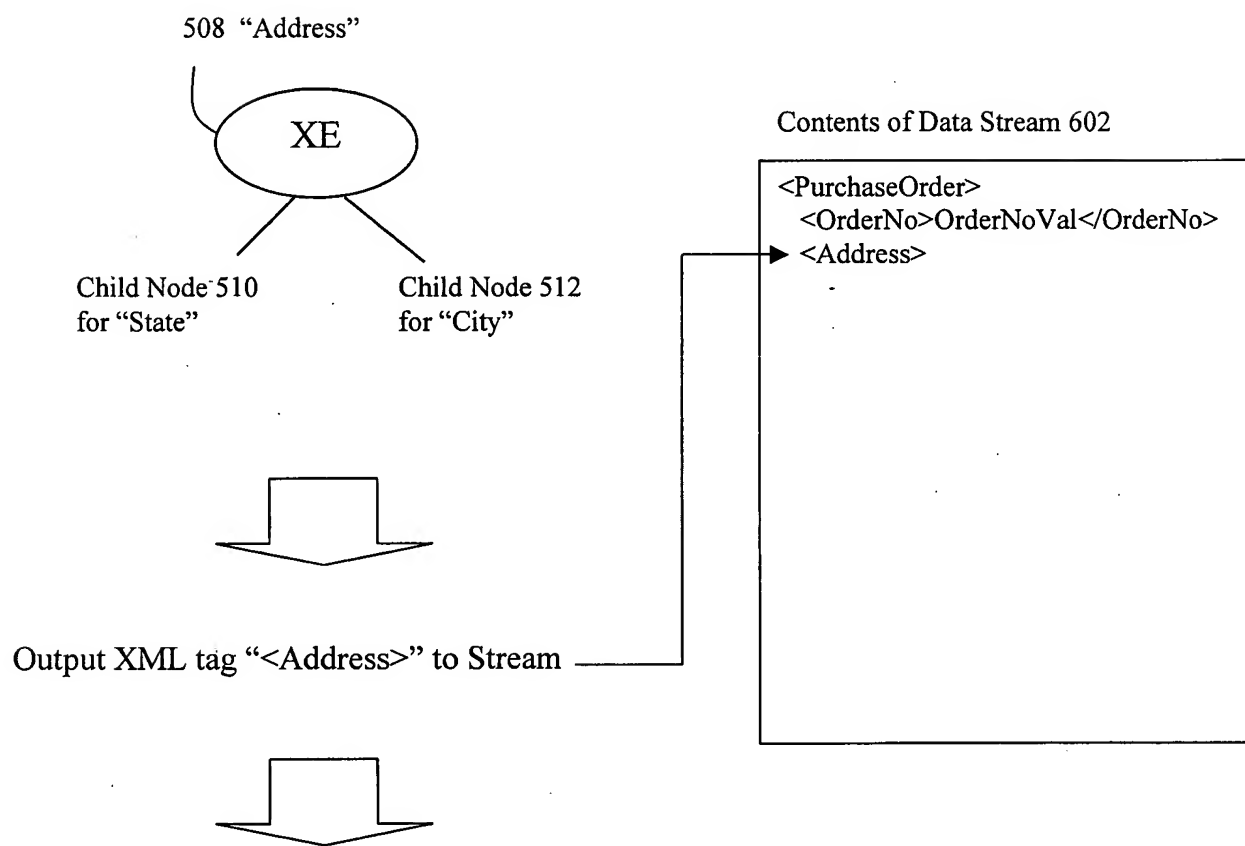


Fig. 6D

Begin Evaluating Node 508 for “Address”



Proceed to Fig. 6E to Evaluate Child Node 510

Fig. 6E

Begin Evaluating Node 510 for "State"

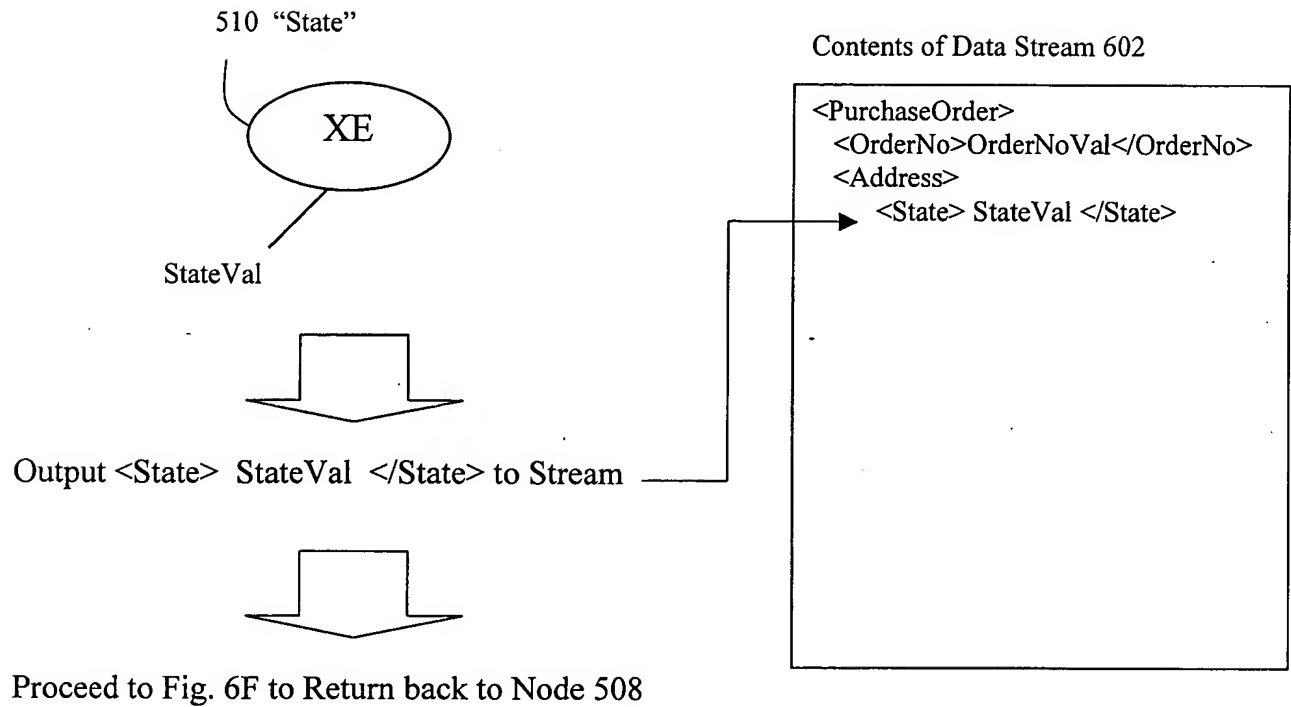
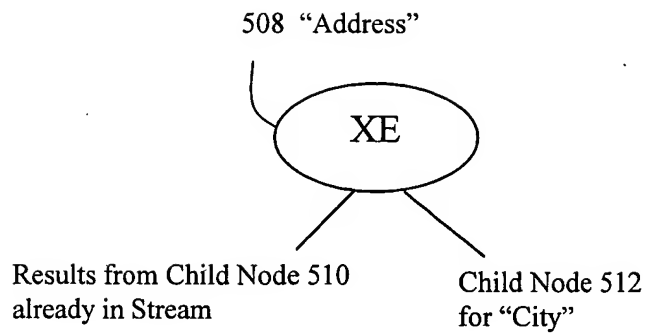


Fig. 6F

Return back to Node 508 for "Address"



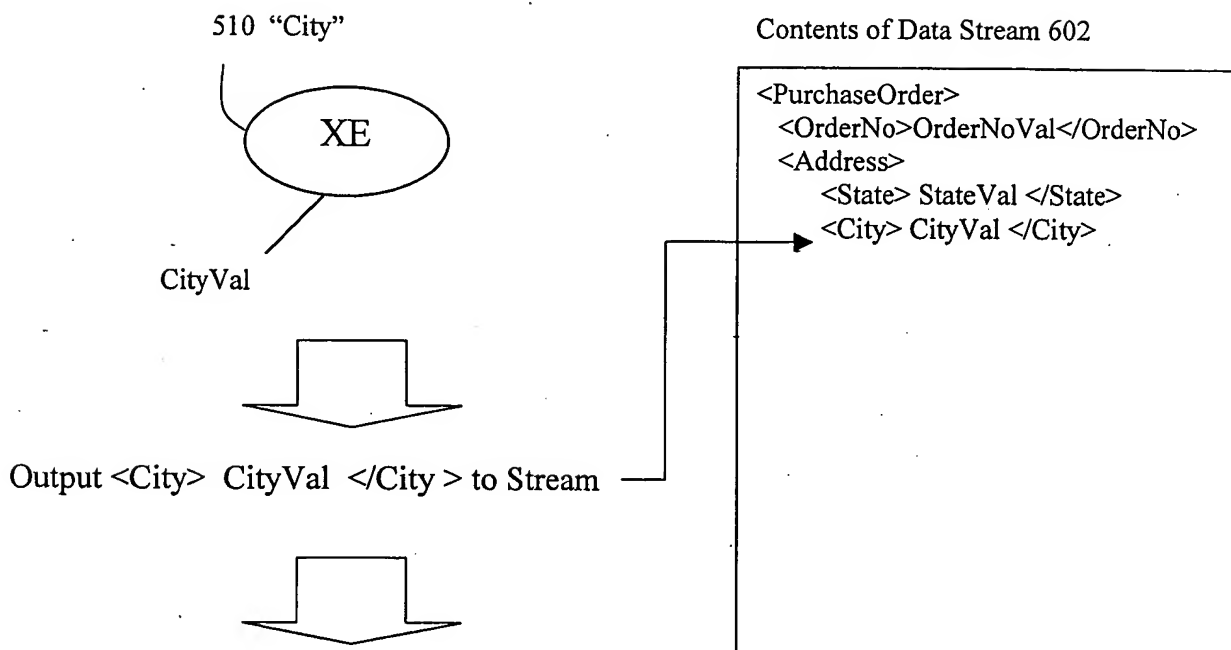
Proceed to Fig. 6G to Evaluate Child Node 512

Contents of Data Stream 602

```
<PurchaseOrder>  
  <OrderNo>OrderNoVal</OrderNo>  
  <Address>  
    <State> StateVal </State>
```

Fig. 6G

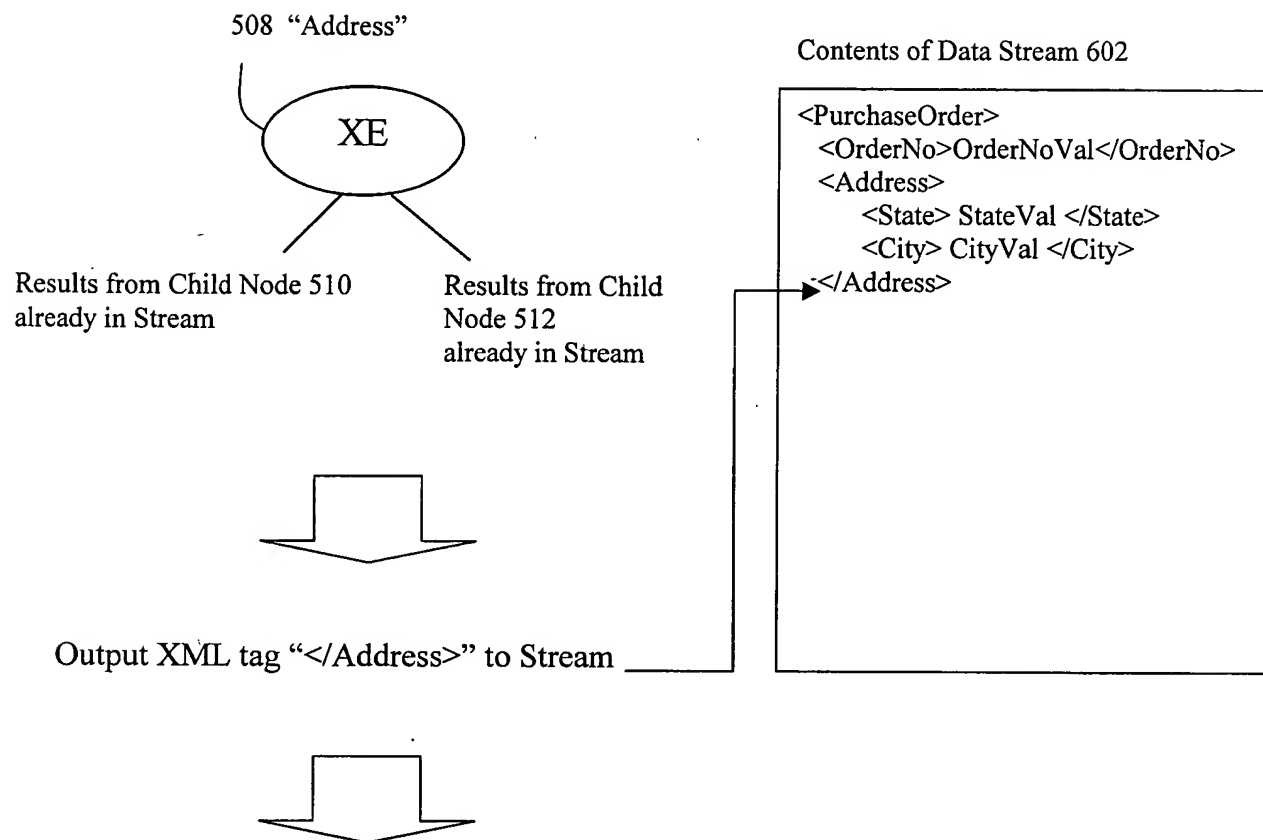
Begin Evaluating Node 512 for "City"



Proceed to Fig. 6H to Return back to Node 508

Fig. 6H

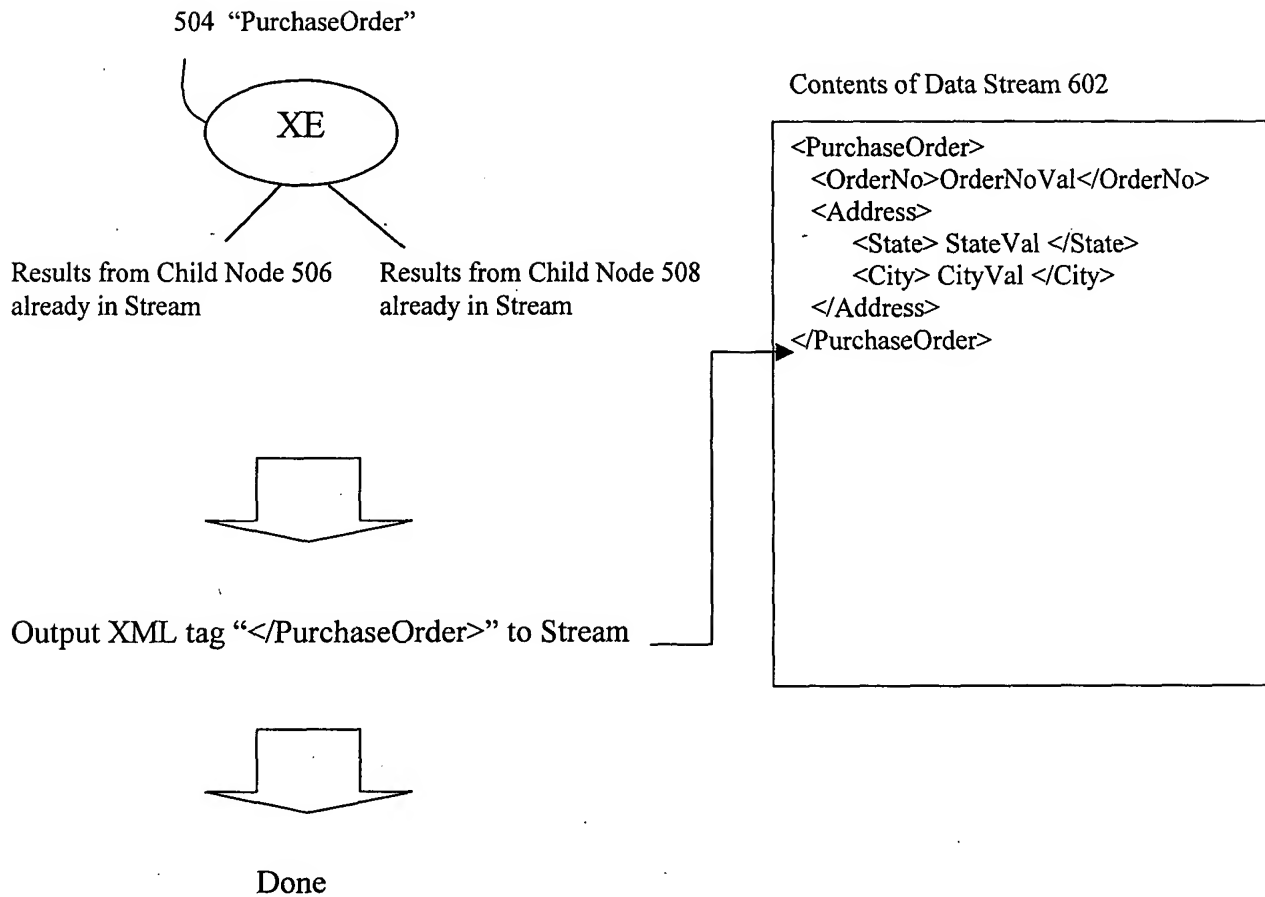
Finish Evaluating Node 508 for "Address"



Proceed to Fig. 6I to Return back to Node 504

Fig. 6I

Finish Top Down Evaluation of Expression Tree 500



17 of 17

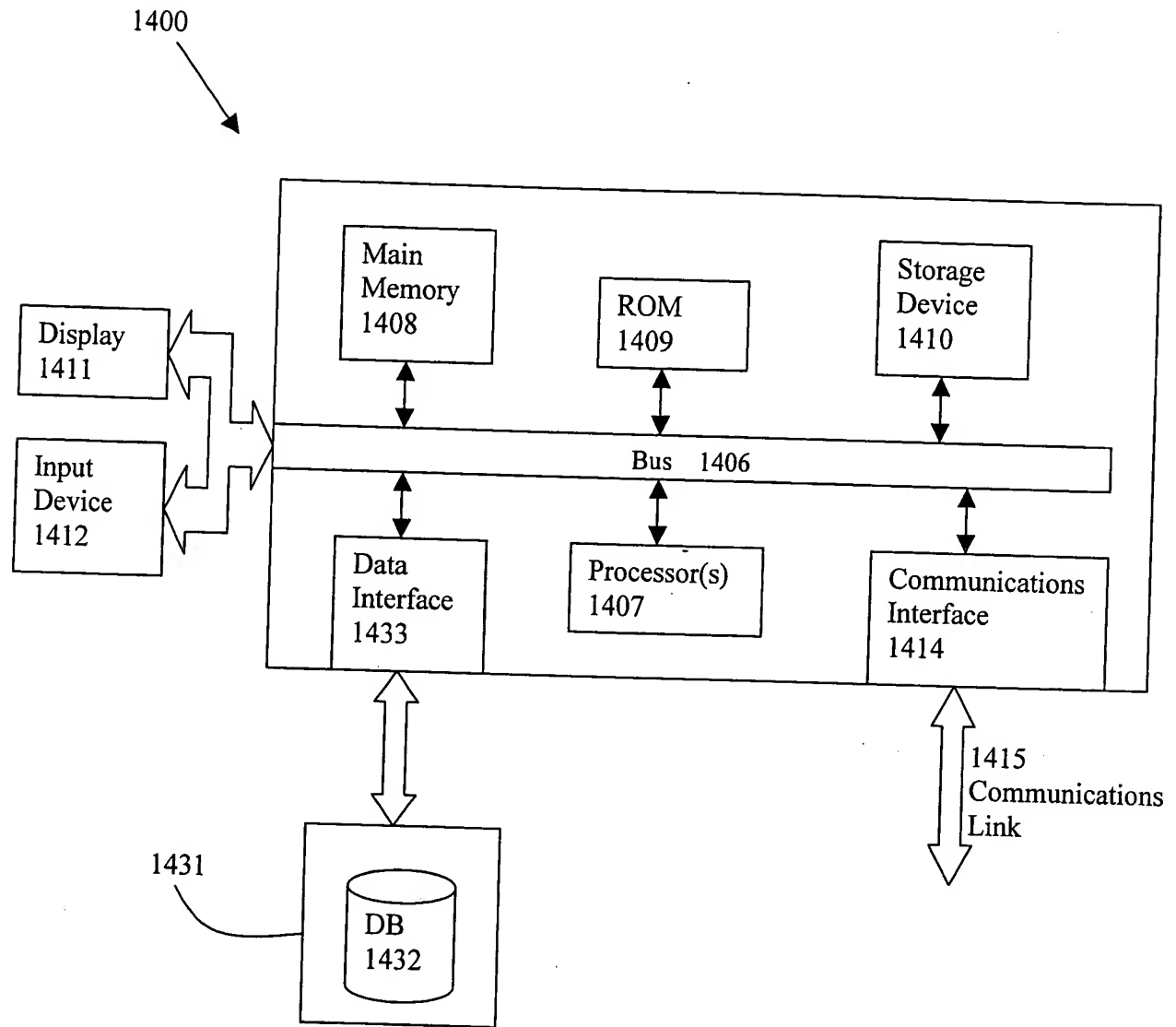


Fig. 7